

AMENDMENTS

IN THE CLAIMS:

Please cancel claim 2 without prejudice or disclaimer.

Please amend claims 1 and 6 as indicated below.

Please add new claims 11-19 as indicated below.

A 1
1. (amended) A process of emulsifying alkenyl succinic anhydride size comprising blending an alkenyl succinic anhydride and a starch grafted cationic acrylamide co-polymer under conditions sufficient to form an emulsion, wherein said alkenyl succinic anhydride is mixed with a surfactant prior to forming said emulsion.

A 2
6. (amended) The process of claim 1 wherein said alkenyl succinic anhydride and said starch grafted cationic acrylamide co-polymer are blended at a weight ratio of starch grafted cationic acrylamide to alkenyl succinic anhydride of from about 0.01:1 to about 1:1.

A 3
11. (new) A process of emulsifying alkenyl succinic anhydride size comprising blending an alkenyl succinic anhydride and a starch grafted cationic acrylamide co-polymer under conditions sufficient to form an emulsion, wherein said grafted cationic co-polymer comprises a reaction product of starch, acrylamide, and a diallyldialkyl ammonium halide.

12. (new) The process of claim 11 wherein said alkenyl succinic anhydride is mixed with a surfactant prior to forming said emulsion.

13. (new) The process of claim 12 wherein said surfactant is sodium dioctyl sulfosuccinate.

14. (new) The process of claim 11 wherein said starch grafted cationic acrylamide co-polymer comprises from about 10 to about 90 wt% of a starch monomer and from about 10 to about 90 wt% of an acrylamide monomer, based on the total weight of starch and acrylamide.

15. (new) The process of claim 14 wherein said starch grafted cationic acrylamide co-polymer comprises from about 25 to about 75 wt% of said starch monomer and from about 25 to about 75 wt% of said acrylamide monomer, based on the total weight of starch and acrylamide.

A3
16. (new) The process of claim 11, wherein said alkenyl succinic anhydride and said starch grafted cationic acrylamide co-polymer are blended at a weight ratio of starch grafted cationic acrylamide to alkenyl succinic anhydride of from about 0.01:1 to about 1:1.

17. (new) The process of claim 16 wherein said weight ratio is from about 0.02:1 to about 0.2:1.

18. (new) An emulsified alkenyl succinic anhydride size produced by the process of claim 11.

19. (new) The process of claim 11 wherein the diallyldialkyl ammonium halide is diallyldimethyl ammonium chloride.

REMARKS

Claims 1 and 3-19 are pending in the application. Claims 9-10 have been withdrawn from consideration as the result of a restriction requirement. Applicants respectfully request that claims 9 and 10, which depend from claim 1, be rejoined and allowed upon allowance of claim 1. Claim 2 has been cancelled. Claim 1 has been